

## REMARKS

### **I. Status of the Claims**

Claims 1, 3-9, and 11-13 were pending at the time of the last Office Action. Claims 1 and 13 have been amended. No claims have been cancelled or added. Therefore, claims 1, 3-9, and 11-13 remain pending.

### **II. Objection to the Disclosure**

The phrase "Table 1A-1D in the Appendix" of paragraph [0046] is objected to as referring to a table and appendix not present in the originally filed disclosure. In light of the amendment to the specification removing the phrase, withdrawal of the objection is respectfully requested.

### **III. Rejection Under 35 U.S.C. § 112, First Paragraph**

Claims 1, 3-9, and 11-13 stand rejected as failing to comply with the written description requirement. Applicants traverse and respectfully submit that these claims are clearly supported. In the interest of obtaining a more swift allowance, however, claims 1 and 13 have been amended to recite the step of "outputting the classified real positives to a user," which is described in at least Table 2 of the originally filed specification. Claims 3-9 and 11-12 depend from claim 1. Reconsideration and withdrawal of the rejection is therefore respectfully requested.

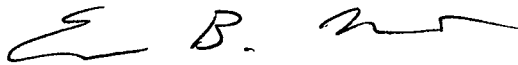
Applicants highlight that the amendments to claims 1 and 13 do not disclaim methods that output other data in addition to the "classified real positives." Instead, embodiments of the claimed methods that perform the claimed step of "outputting the classified real positives to a user" may also output other data (e.g., classified likely false positives, classified potential

positives, other results derived from the classification of the differentially expressed genes, or other information).

#### CONCLUSION

Applicants believe that these remarks fully respond to all outstanding matters for this application, and respectfully submit that all claims are in condition for allowance. Should the Examiner have any questions regarding this submission, a telephone call to the undersigned agent at 512-536-3027 is invited.

Respectfully submitted,



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